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<110> Payne, Jewel

Sick, August

<120> Novel Bacillus thuringiensis Isolate Active Against Lepidopteran Pests,
and Genes Encoding Novel Lepidopteran-Active Toxins

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<150> US 09/521,344

<151> 2000-03-09

<150> US 08/933,891

<151> 1997-09-19

<150> US 08/356,034

<151> 1994-12-14

<150> US 08/210,110

<151> 1994-03-17

<150> US 07/865,168

<151> 1992-04-09

<150> US 07/451,261

<151> 1989-12-14

<150> US 371,955

<151> 1989-06-27

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Val Gly Pro Ser Gln Trp Asp Ala Phe Leu Val Gln Ile Glu Gln Leu
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Leu Glu Gly Leu Ser Asn Leu Tyr Gln Ile Tyr Ala Glu Ala Phe Arg
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Glu Trp Glu Ala Asp Pro Thr Asn Pro Ala Leu Thr Glu Glu Met Arg
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Ala Ala Asn Leu His Leu Ser Val Leu Arg Asp Val Ser Val Phe Gly
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Gln Arg Trp Gly Phe Asp Val Ala Thr Ile Asn Ser Arg Tyr Asn Asp
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Table 1. Characteristics of the study population and the prevalence of the different types of diabetes mellitus in the study population. Data are presented as mean (SD) or n (%).

Characteristic	Study population	Diabetes mellitus
Age (years)	60.2 (10.1)	61.1 (10.1)
Gender		
Male	1,000 (50.0)	1,000 (50.0)
Female	1,000 (50.0)	1,000 (50.0)
Body mass index (kg/m ²)	27.1 (4.5)	27.1 (4.5)
Prevalence of diabetes mellitus (%)		
Overall	1,000 (50.0)	1,000 (50.0)
Type 1	10 (0.5)	10 (0.5)
Type 2	990 (49.5)	990 (49.5)

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3567

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<213> Bacillus thuringiensis

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Gly Ile Val Gly Pro Ser Gln Trp Asp Ala Phe Leu Val Gln Ile Glu
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Phe Lys Glu Trp Glu Glu Asp Pro Asn Asn Pro Ala Thr Arg Thr Arg
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TO: HQ, T-964E60

Variable	Mean	SD	Min	Max
1. Age	35.2	12.5	18	65
2. Sex	0.45	0.50	0	1
3. Education	12.5	2.5	8	16
4. Income	15.2	8.5	5	35
5. Health	1.2	0.5	0	2
6. Employment	0.8	0.4	0	1
7. Marital Status	0.6	0.5	0	1
8. Religion	1.5	1.0	0	3
9. Ethnicity	0.5	0.5	0	1
10. Political Affiliation	0.3	0.5	0	1
11. Social Capital	0.7	0.4	0	1
12. Civic Participation	0.4	0.5	0	1
13. Trust in Government	0.6	0.5	0	1
14. Environmental Awareness	0.8	0.4	0	1
15. Volunteerism	0.5	0.5	0	1
16. Philanthropy	0.3	0.5	0	1
17. Social Responsibility	0.7	0.4	0	1
18. Community Involvement	0.6	0.5	0	1
19. Social Norms	0.5	0.5	0	1
20. Cultural Heritage	0.4	0.5	0	1
21. Language Proficiency	0.8	0.4	0	1
22. Digital Literacy	0.6	0.5	0	1
23. Health Literacy	0.7	0.4	0	1
24. Financial Literacy	0.5	0.5	0	1
25. Environmental Literacy	0.6	0.5	0	1
26. Social Literacy	0.7	0.4	0	1
27. Civic Literacy	0.5	0.5	0	1
28. Trust in Others	0.6	0.5	0	1
29. Social Cohesion	0.7	0.4	0	1
30. Community Resilience	0.8	0.4	0	1
31. Social Capital Index	0.6	0.5	0	1
32. Civic Engagement	0.5	0.5	0	1
33. Social Responsibility Index	0.7	0.4	0	1
34. Community Involvement Index	0.6	0.5	0	1
35. Social Norms Index	0.5	0.5	0	1
36. Cultural Heritage Index	0.4	0.5	0	1
37. Language Proficiency Index	0.8	0.4	0	1
38. Digital Literacy Index	0.6	0.5	0	1
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40. Financial Literacy Index	0.5	0.5	0	1
41. Environmental Literacy Index	0.6	0.5	0	1
42. Social Literacy Index	0.7	0.4	0	1
43. Civic Literacy Index	0.5	0.5	0	1
44. Trust in Others Index	0.6	0.5	0	1
45. Social Cohesion Index	0.7	0.4	0	1
46. Community Resilience Index	0.8	0.4	0	1
47. Social Capital Index	0.6	0.5	0	1
48. Civic Engagement Index	0.5	0.5	0	1
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75. Civic Literacy Index	0.5	0.5	0	1
76. Trust in Others Index	0.6	0.5	0	1
77. Social Cohesion Index	0.7	0.4	0	1
78. Community Resilience Index	0.8	0.4	0	1
79. Social Capital Index	0.6	0.5	0</	

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 Lys Pro Tyr Thr Arg Tyr Gln Leu Arg Gly Tyr Ile Glu Asp Ser Gln
 740 745 750
 Asp Leu Glu Ile Tyr Leu Ile Arg Tyr Asn Ala Lys His Glu Thr Val
 755 760 765
 Asn Val Leu Gly Thr Gly Ser Leu Trp Pro Leu Ser Val Gln Ser Pro
 770 775 780

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Ile Arg Lys Cys Gly Glu Pro Asn Arg Cys Ala Pro His Leu Glu Trp
785                      790                      795                      800

Asn Pro Asp Leu Asp Cys Ser Cys Arg Asp Gly Glu Lys Cys Ala His
                        805                      810                      815

His Ser His His Phe Ser Leu Asp Ile Asp Val Gly Cys Thr Asp Leu
                        820                      825                      830

Asn Glu Asp Leu Asp Val Trp Val Ile Phe Lys Ile Lys Thr Gln Asp
                        835                      840                      845

Gly His Ala Arg Leu Gly Asn Leu Glu Phe Leu Glu Glu Lys Pro Leu
                        850                      855                      860

Val Gly Glu Ala Leu Ala Arg Val Lys Arg Ala Glu Lys Lys Trp Arg
865                      870                      875                      880

Asp Lys Arg Glu Lys Leu Glu Leu Glu Thr Asn Ile Val Tyr Lys Glu
                        885                      890                      895

Ala Lys Glu Ser Val Asp Ala Leu Phe Val Asn Ser Gln Tyr Asp Gln
                        900                      905                      910

Leu Gln Ala Asp Thr Asn Ile Ala Met Ile His Ala Ala Asp Lys Arg
                        915                      920                      925

Val His Arg Ile Arg Glu Ala Tyr Leu Pro Glu Leu Ser Val Ile Pro
                        930                      935                      940

Gly Val Asn Val Asp Ile Phe Glu Glu Leu Lys Gly Arg Ile Phe Thr
945                      950                      955                      960

Ala Phe Phe Leu Tyr Asp Ala Arg Asn Val Ile Lys Asn Gly Asp Phe
                        965                      970                      975

Asn Asn Gly Leu Ser Cys Trp Asn Val Lys Gly His Val Asp Val Glu
                        980                      985                      990

Glu Gln Asn Asn His Arg Ser Val Leu Val Val Pro Glu Trp Glu Ala
                        995                      1000                      1005

Glu Val Ser Gln Glu Val Arg Val Cys Pro Gly Arg Gly Tyr Ile
                        1010                      1015                      1020

Leu Arg Val Thr Ala Tyr Lys Glu Gly Tyr Gly Glu Gly Cys Val
                        1025                      1030                      1035

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Thr	Ile	His	Glu	Ile	Glu	Asn	Asn	Thr	Asp	Glu	Leu	Lys	Phe	Ser
1040						1045					1050			
Asn	Cys	Val	Glu	Glu	Glu	Val	Tyr	Pro	Asn	Asn	Thr	Val	Thr	Cys
1055						1060					1065			
Asn	Asp	Tyr	Thr	Ala	Asn	Gln	Glu	Glu	Tyr	Gly	Gly	Ala	Tyr	Thr
1070						1075					1080			
Ser	Arg	Asn	Arg	Gly	Tyr	Asp	Glu	Thr	Tyr	Gly	Ser	Asn	Ser	Ser
1085						1090					1095			
Val	Pro	Ala	Asp	Tyr	Ala	Ser	Val	Tyr	Glu	Glu	Lys	Ser	Tyr	Thr
1100						1105					1110			
Asp	Gly	Arg	Arg	Asp	Asn	Pro	Cys	Glu	Ser	Asn	Arg	Gly	Tyr	Gly
1115						1120					1125			
Asp	Tyr	Thr	Pro	Leu	Pro	Ala	Gly	Tyr	Val	Thr	Lys	Glu	Leu	Glu
1130						1135					1140			
Tyr	Phe	Pro	Glu	Thr	Asp	Lys	Val	Trp	Ile	Glu	Ile	Gly	Glu	Thr
1145						1150					1155			
Glu	Gly	Thr	Phe	Ile	Val	Asp	Ser	Val	Glu	Leu	Leu	Leu	Met	Glu
1160						1165					1170			
Glu														

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